"GREVILLE SYSTEM."

The

Medical Electro-Thermic Generator

. . or . .

Hot Air Bath,

31, Upper Berkeley Street, Portman Square, W., and

'60, Cheapside, E.C.

22500896536

30875

The
Medical Electro-Thermic Generator
Company, Limited.

Telegraphic Address: "REGAIN, London."
Telephone: No. 892 Paddington.

AN EXTRACT from the opinions of Mr. J. FLETCHER-MOULTON, Q.C., and Mr. J. W. GORDON :—

"We are of opinion that Mr. GREVILLE's apparatus is novel, and affords proper subject-matter for Letters Patent."

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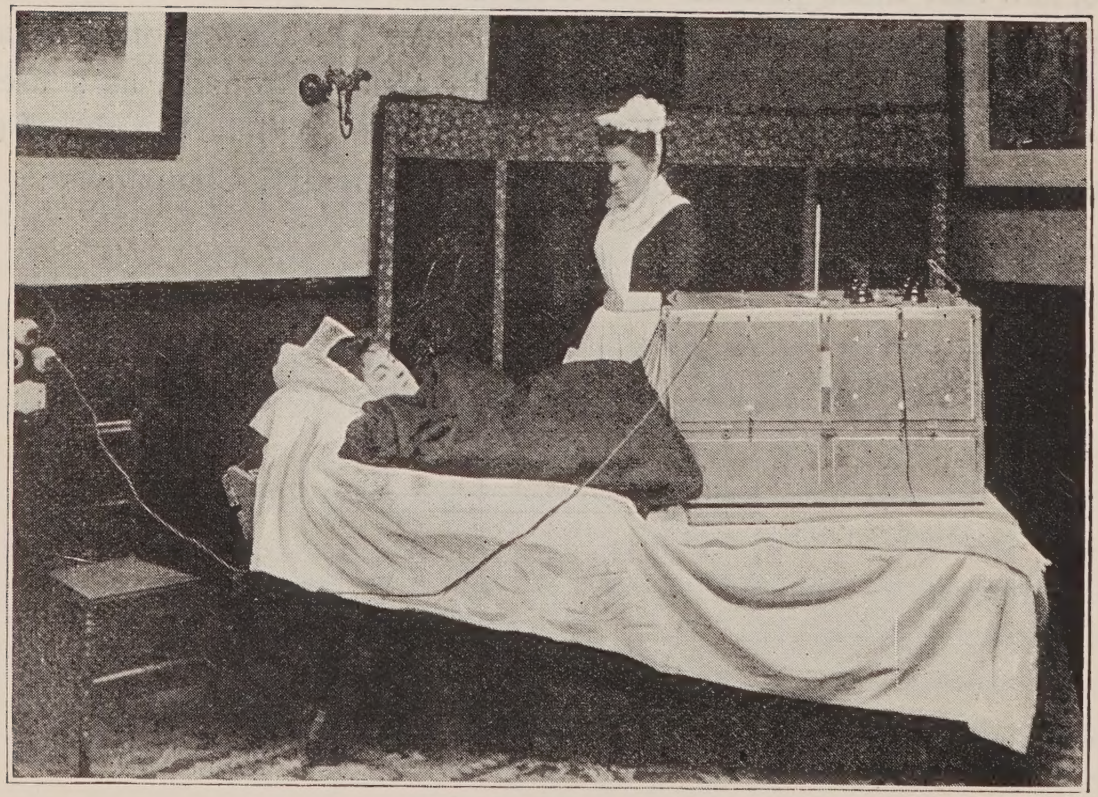
PREFACE.

In inditing this pamphlet the author does so with all deference and respect to the members of the Medical Profession who have made electro therapeutics a specialty of practice. The progress in medical science has been so great during the last few years that it would be impossible for the mind of man to retain the teachings set forth in the multitude of thoroughly sound medical works written by our leading men of medicine. The system forming the subject of the Greville Patent is stated by counsel to be novel, and the writer feels justified in bringing before the profession generally the advantages and curative properties of his new invention. It is not competent for every medical man to be an electrician, or for every electrician to be a medical man. The writer has devoted some thirty years to the study of electrical science, not as a vendor of electrical goods, but with one object only : the love of science. On the occasion of an accident, when driven to

despair with pain and suffering from neuritis following injury to the circumflex nerve, and probable breakage of ligaments, he experimented with electrically-heated wires with such success as to enable him to introduce to the Medical Profession the Electro-Thermic Generator. It is not claimed that super-heated air will work miracles, whether produced by electricity or by some of the crude inventions of unscientific persons, such as gas or oil machines, but it is suggested that British medical men should make themselves more familiar with the therapeutic use of hot air as a remedy for the many ailments set forth in this pamphlet. The writer has no desire or intention to occupy the position of medical adviser, but on the contrary he admits that none but duly qualified practitioners should attempt to advise patients upon their state of health. There are, however, difficulties connected with the management of any electrical apparatus, and a certain want of general knowledge as to what can and what cannot be done by super-heated air, especially when produced by electricity, that it is not a matter of surprise that some medical men shut their eyes to the whole subject, or else look at it with indifference. The writer believes that when it is known by the Medical Profession that establishments for treatment by electrically-heated air are to be found in many important cities and towns,

conducted on business lines, with duly qualified nurses and bath attendants, in readiness to receive patients sent by the profession, at moderate fees, and that those patients will receive due and proper consideration without reference to any other medical man, the profession generally will then support such establishments by their patronage, as a useful adjunct to their practice ; and this has been and will be the aim of the Managing Director of the Electro-Thermic Generator Company.



Double Leg Generator in Use.

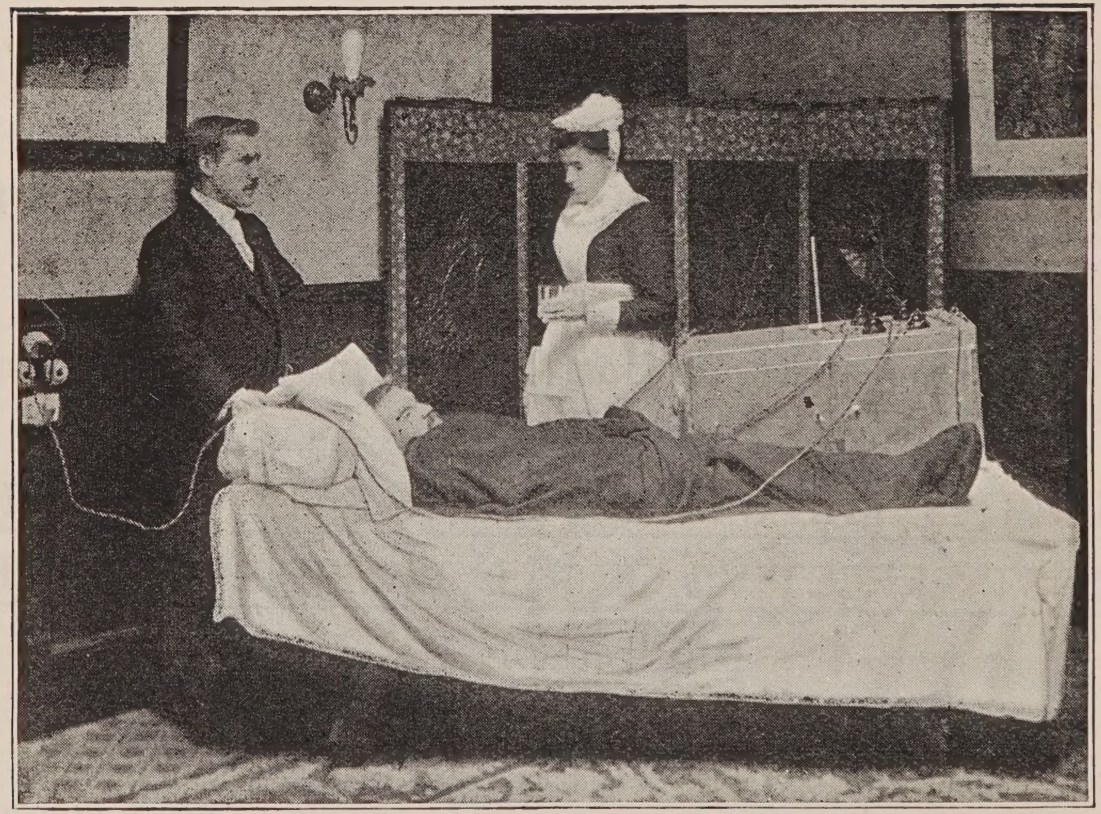
The
Greville Electro-Thermic Generator.

Eradication of disease from the human body by Electro-Magnetic Heat.

HEAT IS THE SIMPLEST, MOST NATURAL AND MOST EFFECTIVE OF ALL REMEDIES FOR THE RELIEF OF PAIN.

No human being can exist without heat.

Heat may be produced artificially by any means which propagate agitations internally in bodies.



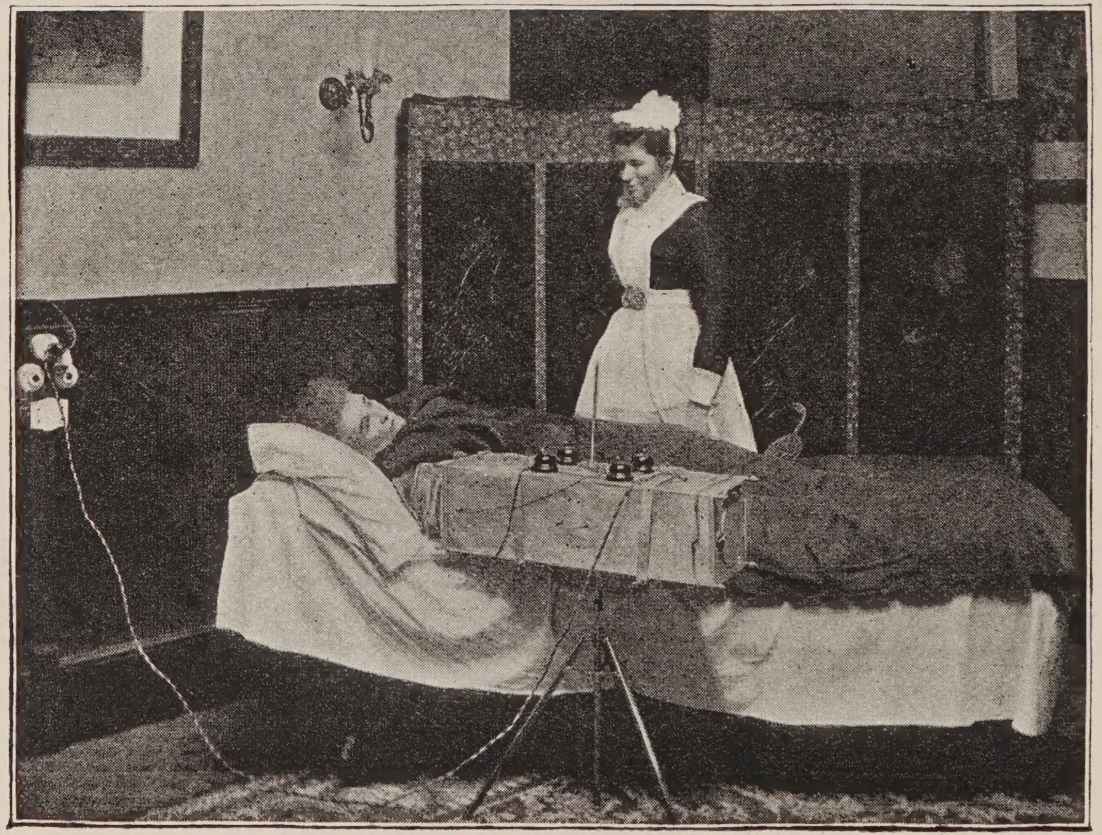
Generator for One Leg in Use.

A body is very hot when its atoms vibrate very rapidly. A body is as cold as possible when its atoms do not vibrate at all. The molecules of which the body is made up vibrate at a rate depending upon the temperature of the body. If the molecules are caused to vibrate more slowly the body becomes, comparatively speaking, cold ; if the molecules vibrate more rapidly the body becomes warm.

Upon this powerful agent all animal life depends, and when the body is out of health nature suggests heat as a means of regenerating and renovating the exhausted vital forces.

THE GREVILLE ELECTRO-THERMIC GENERATOR IS INTENDED TO PROVIDE A NATURAL AND EFFECTIVE REMEDY IN MANY CASES OF PAINFUL COMPLAINTS AND DISEASES.

The comfort of the invalid has been the special study of the inventor, and in adopting the system of electrically-heated wires he has recognised the advantage of treating his patient in a reclining posture.



Generator for One Arm in Use.

Many a patient, suffering great pain, would refuse to adopt a remedy requiring undue exertion. By the Greville system no such exertion is necessary, as all the Electro-Thermic Generators may be applied to the part affected in the patient's own bed, or upon the easy couches to be found at the establishments of the Company.

The local treatment of the member of the body or part affected is one of the main features of the Greville system. Assuming heat to be of therapeutic value, then greater heat within certain limits should be of greater value ; but it is obvious that to treat the whole body, including the head (as in the instance of the Turkish and Russian baths), with excessive heat, is often undesirable, and sometimes even dangerous, while at the same time the application of great heat to any particular member or part of the body suffering from pain has long been recognised as a remedy of inestimable value. The Generators in use for local application are especially designed for the throat, ear, eye, arm, shoulder, elbow, hip, leg, knee, spine, stomach, and a Generator for both legs and lower part of the body, also a whole body bath, excluding the head.

The ease with which the Greville apparatus can be applied is also an important advantage over all other hot air baths. Electricity lends

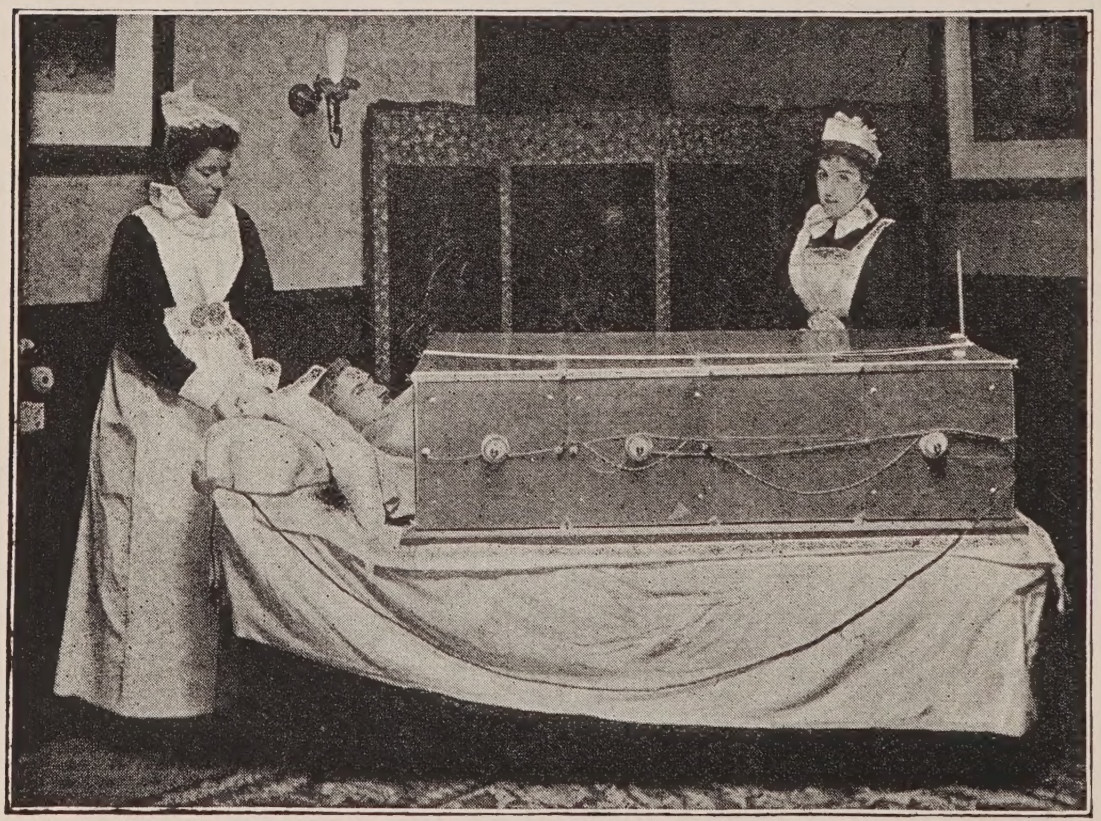
Hip Generator in Use.

itself more readily to the production of heat in any desired spot than any other known method. The ordinary electric lamp being removed and replaced by an adaptor is the work of a few seconds. Attach a flexible wire to the patient's couch and all is in readiness. This wire may be carried with perfect safety for several hundreds of yards if required. This simple method of manipulation will produce a heat in the Electro-Thermic Generator of from 400 to 500 degrees Fahrenheit, and is under *absolute control.*

The purity of the heat produced in these Generators is a valuable feature of this treatment. There are no products of combustion to contaminate the air in the electrically-heated wires of the Greville system.

The following is a brief summary of some of the remarkable physiological effects and advantages which careful experiments and experience of skilled physicians have shown to be attributable to the Electro-Thermic Generator :—

Perspiration is readily induced by the electrically-heated wires. The air about the patient is usually the same as the ordinary room



One form of Generator for Whole Body in Use.

temperature, unless otherwise recommended by the medical adviser, in which case the temperature of the room is increased by the Greville Electric Heat Box.

Elimination is produced by electric heat more vigorously and effectively than by any other known means. Not only the skin, but every internal organ is heated by the radiant energy from the electrically-heated wires. This is evidenced by the rapid rise of internal temperature during this bath, as shown by the clinical thermometer placed in the mouth of the patient. Elimination depends upon tissue activity; careful experiments show that the waste products thrown off by the lungs are more actively eliminated by this bath than by any other. This is due to the fact that elimination is effected by the oxidation of waste matter or the combination of oxygen with uric acid or other tissue poisons.

The blood is purified and cleansed, clearing the complexion and beautifying the skin.

DISEASES TREATED.

THE experience gained by the author from having administered by himself and his nurses upwards of 5,000 applications of super-heated air should be of value, both to the Medical Profession and to laymen. The experience thus obtained, added to the opinions of medical men, representing the patients undergoing the treatment, justifies the writer in drawing the following conclusions :—Almost all diseased conditions are benefited by the Electric Hot-Air treatment. A leading London Physician has stated that his rule at the Hospital has been, if a patient suffering from any complaint, who after a few weeks' routine drug treatment does not improve, he at once orders Hot-Air treatment, and, in the majority of cases, improvement, often to a marked degree, very quickly shows itself.

The cases especially indicated for this treatment are **Arthritis,** whether of a *rheumatic*, *gouty* or *neurotic* origin, especially in the more chronic stages.

Joint trouble of almost every form is greatly benefited, especially stiffness or loss of power and mobility, the result of recent and old-standing injury. Cases of *hysterical joints* are amendable to this treatment.

Chronic bronchitis, especially cases associated with Bright's disease, are greatly relieved, also cases of *asthma.*

Mal-nutrition, either muscular or circulatory, cases of feeble circulation, chilblains, cold extremities and like instances.

Fatigue, either mental or muscular, is relieved by the invigorating influence of the electro-magnetic heat waves produced by the electric current. Recent discoveries show that fatigue is due to the accumulation of certain poisons which weaken and even paralyse muscle, nerve and brain. The electric heat by its potent influence disturbs these poisons and drives them out through the skin and kidneys.

Bright's Disease of the Kidneys requires constant and vigorous activity of the skin to relieve the disabled kidneys as far as possible of work. The electric heat is the safest and most efficient mode of stimulating skin activity in these cases.

Dyspepsia, which undermines the constitutions of the British people and the well-to-do classes of most civilised countries, gives rise to a poisoned condition of the whole body through the absorption of poisons from the stomach and intestines. Electric heat not only removes these poisons, but by purifying the blood and stimulating the vital processes, aids digestion, creates an appetite, improves assimilation, and thus effects a cure when other remedies fail.

Liver Disease.—Disordered digestion sooner or later results in disease of the liver, whereby the whole body is poisoned through the accumulation of waste matter which should be destroyed or carried off by the liver. Electric heat aids the system and the liver in getting rid of these poisons, as shown by the clear skin and healthy complexion which the regular use of the bath produces even in chronic cases.

Rheumatism is a malady which results from the retention of tissue poisons. Electric heat not only affords immediate relief from pain, but effects a radical cure by removing the cause.

Gout.—A disease closely allied to rheumatism, and due to essentially the same cause, yields readily to the influence of the electric heat when combined with a rational regimen.

Rheumatic Gout.—This painful and usually intractable disease, like rheumatism and gout, owes its origin to nutritive disturbance arising from retention of the excretions, and disordered nutrition. Electric heat affords a most convenient and one of the most efficient means of correcting these disturbances and arresting the progress of this formidable disease. Electric heat can be used with great success in this disease although hot baths of every other sort have proved detrimental.

Obesity, a disease which is increasing in frequency and which is often intractable with ordinary measures, not infrequently ending in premature death, is most successfully treated with electric heat in combination with proper diet and exercise. The penetrating power of the electro-magnetic heat waves renders the Greville treatment superior to

any other mode of applying heat for the purpose of stimulating elimination in cases in which it is important to secure rapid and permanent reduction of weight.

Neuralgia is relieved in a most marvellous manner by the influence of electric heat when properly applied.

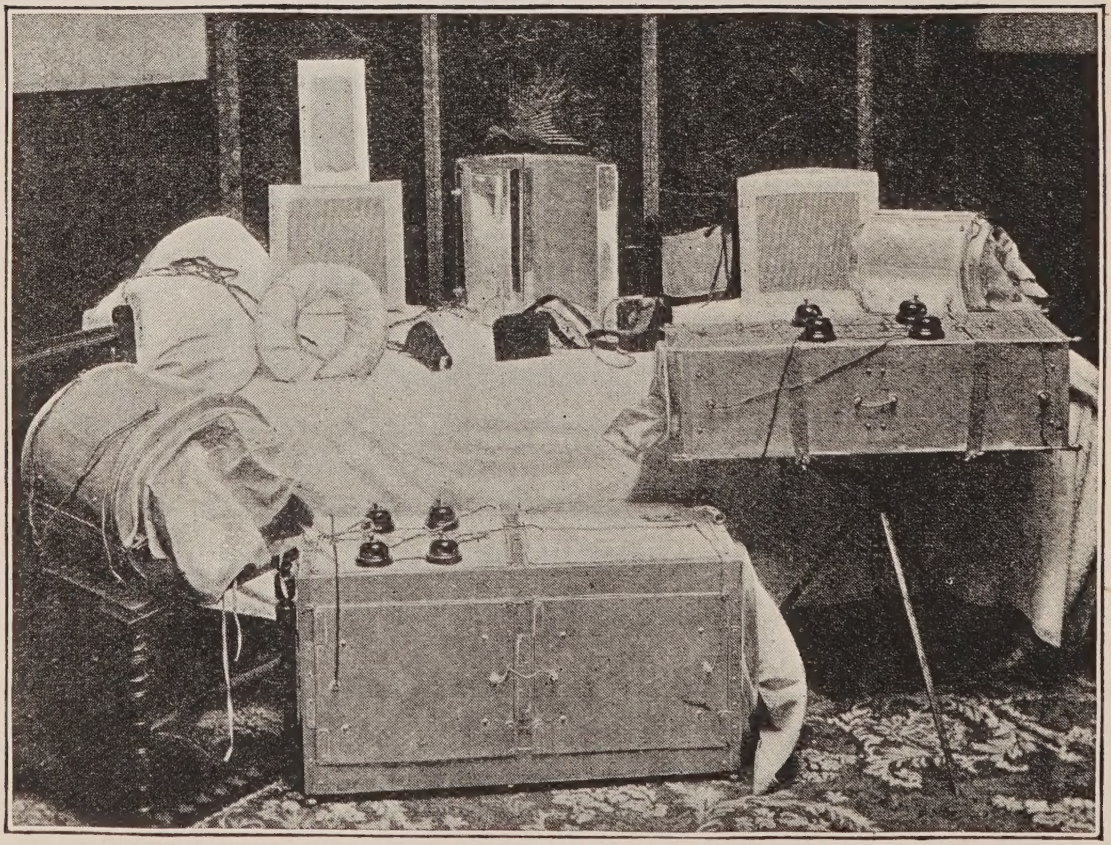
Muscular Rheumatism.—A common affection, especially with persons who indulge too freely at the table and take too little exercise, finds temporary relief in electric heat, although, of course, a change of habit is required for a permanent cure.

Skin Diseases.—Even such disorders as eczema and most chronic forms of skin disease yield more promptly to the electric heat bath in conjunction with other treatment than to any other curative measure.

Nervous Headache renders the lives of many persons wretched in the extreme, but by the regular use of the electric heat bath, whereby the nervous system is toned to a normal pitch and the disturbing elements removed from the blood, together with proper regimen, this complaint may be readily controlled.

Colds taken in hand at once may be immediately cured by the electric heat bath, which is for this purpose alone an invaluable remedy.

Generally.—Appetite and digestion are improved, circulation and nutrition are benefited, sleep is notably restored, and new vigour is imparted to the mental and physical faculties.



Various forms of Generators.

Extracts from unsolicited letters, &c., from Patients and Medical Men.

1. An eminent West-End Surgeon, after having sent twenty patients for treatment to the Head Establishment of the Company, writes, 23rd June, 1899—"I hear nothing but good reports from your Establishment."

2. The Duke of A., having had four Greville Baths, at 32, Upper Berkeley Street, W., writes, 7th June, 1899—"I feel so well that I shall not come again."

3. Lady K., having received six baths at 31, Upper Berkeley Street, W., writes, 22nd June, 1899—"That she has certainly derived much benefit from the baths, and that Lord K. likes the treatment and thinks it does him good."

4. Mr. M., whose daughter was treated at his own residence in London, writes, 27th June—" My daughter, I am pleased to say, is very much better, and I attribute the great improvement to your system of hot-air baths. Her doctor says she will soon be able to walk and ride again. I can only thank you very much for what you have done."

5. Mr. P., having been through a course of baths at 32, Upper Berkeley Street, W., writes, 24th March, 1899—" There is no doubt I derived great benefit from the use of the Generator and shall always speak in its favour."

6. Dr. D. S. writes, 9th March, 1899—" That super-heated dry air in the majority of cases of rheumatoid arthritis and kindred affections is *the* treatment *par excellence* does not admit of a doubt. It will give me much pleasure to recommend the Greville treatment in such cases."

7. Mr. D. McK., having been treated at 32, Upper Berkeley Street, W., writes, 7th April, 1899—" I have recommended your treatment to several people and will continue to do so as I received great benefit from it."

8. Mrs. O'C., having had a course of baths at 31, Upper Berkeley Street, W., writes, 14th April, 1899—" I have derived much benefit from the baths, and I daresay I shall pay you another visit some day again."

9. Mr. E. C., after having six Greville baths at 32, Upper Berkeley Street, W., writes, 20th May, 1899—" I am so much better that I shall not require any more baths."

10. Dr. W. M. H. writes, 4th June, 1899—" Your bath appears to be a most useful invention and just what is required in the diseases of old age."

11. Dr. J. H. E. writes, 15th June, 1899—" I have heard excellent reports of the therapeutic value of your invention."

12. Lieut.-Col. H. T., having undergone treatment at one of the Company's provincial establishments, writes, 25th June, 1899—" Where can I undergo your treatment in this part of the country, which in my case I found most effective and successful."

13. Mr. E. G., after having undergone five Greville baths, at 32, Upper Berkeley Street, W., writes, 7th February, 1899—" I must say that I am considerably benefited."

14. Mr. R. H. G., having received five baths at 32, Upper Berkeley Street, W., writes, 15th June, 1899—" The baths did me much good, and I feel convinced that permanent benefit would ensue if I could only continue them."

15. Mr. M., having been through a course of six baths at 32, Upper Berkeley Street, W., writes, 26th April, 1899—" You can trust on my recommendations as I have received great benefit from your treatment."

16. Dr. D. R., after having six baths at 32, Upper Berkeley Street, W., writes, 22nd June, 1899—" I have certainly derived benefit from the treatment. The pain along the sciatic nerve has not returned, so your baths must have the credit of the cure."

17. Mrs. H., having received a course of Greville baths at 31, Upper Berkeley Street, W., writes, 5th July, 1899—" That she has much pleasure in testifying to the great benefit she has received from the ' Greville ' system."

18. Miss H. B., after having eight baths at 31, Upper Berkeley Street, W., writes, 3rd July, 1899—" I have pleasure in stating that I first tried the Greville Electric Baths on June 5th, 1899. I was then suffering from severe rheumatism in the left leg and right knee which was much swollen and in great pain. After the third bath I experienced decided relief and have been getting better and better, my joints so much less stiff and not much pain. I expect soon to be quite cured."

19. Lady C., having hired two machines, writes, 22nd February, 1899—" That she returns the two Electric Baths, and they have done her much good."

20. Mr. E. S. W., after having hired an apparatus, writes, 1st May, 1899—"It may interest you to know that in the paralysis now under treatment, each progressive step, although slow, is maintained, and that the good being done is quite evident. There is no doubt that if the cure is obtained by gradual stages and becomes a permanent cure, it is one that will interest the medical world beyond the ordinary."

21. Mr. H. D. H., after having used a machine for three weeks, writes, 11th August, 1899—"The cure in my own case has certainly been remarkable. The injury was too deep seated to be got at in any way, and I had practically made up my mind to be lame for life. I am now riding a bicycle 20 or 30 miles a day and have no trace of the pain. I do not expect to trouble you for another instrument."

These testimonials, together with many others, may be seen at the Head Establishment.

Patients are being received through the introduction of the Profession at the Head Establishment of the Medical Electro-Thermic Generator Company, Limited, 31 & 32, Upper Berkeley Street, London, W.; at the Royal Baths, Harrogate; The Buxton Hydro, Buxton; The Pump Room, Leamington; The Pump Room, Bath; The Brine Baths, Droitwich; also Edinburgh, Leicester, Chester and other towns.

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